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English

(BKS)

Building Block Configuration Guide

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Revision	Change Date	Description
0		

Only add a revision when corrections are made to a published document. Do not change the original published date. Set back to revision 0 after a full upgrade of the BB.

Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Typographic Conventions

Type Style	Description
<i>Example text</i>	Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation.
Example text	Emphasized words or phrases in body text, titles of graphics and tables.
EXAMPLE TEXT	Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.
Example text	Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.
EXAMPLE TEXT	Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.

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Basic Settings for Master Data: Configuration Guide

1 Purpose

The purpose of this document is to describe the general configuration steps required to manually set up the configuration within the system landscape that has already been installed using the corresponding installation or configuration guides for installation.

If you want to install SAP S/4HANA locally (on-premise) and if you do not want to configure manually and prefer an automated installation process using BC Sets and other tools, you can set up a best-practice client and activate the implementation content. If you want to install SAP S/4HANA locally (on-premise) and if you do not want to configure manually and prefer an automated installation process using BC Sets and other tools, you can set up a best-practice client and activate the implementation content.

For more information, see the „Administration Guide for the Implementation of SAP S/4HANA, on premise edition“• which is linked in the content library (included in the documentation package).For more information, see the „Administration Guide for the Implementation of SAP S/4HANA, on premise edition“• which is linked in the content library (included in the documentation package).

2 Preparation

2.1 Prerequisites

Before you start installing this scenario, you must install the prerequisite building blocks. For more information, see the *Building Block Prerequisites Matrix* for SAP S/4HANA. You will find this document in the .

2.2 Supported Deployments

The configuration guide provides the implementation content for the SAP S/4HANA products:

- SAP S/4HANA – (OP) installed locally (on-premise), full scope and content coverage

Depending on the use case/deployment option/ S/4HANA product version, you need to implement the required scope/content starting with the Public cloud chapter and proceed with the next required sections.

- For the full scope of the on premise scope & content – PC and OP are required

3 Configuration

The following section describes the complete settings for this building block. These settings can be divided into three main groups:

- Prerequisite settings that have to be checked and which were delivered by SAP (as part of the standard delivery)

The term *Check* refers to these prerequisite settings.

- Settings defined by the customer (in the customer namespace and customer-specific):

The system uses automation to request individual customer settings during the personalization process. These settings can be initial or reused from existing SAP ERP layers and are indicated in the text by <your value>.

- Additional settings that need to be made, covered either by automation or manual configuration (in the customer namespace).

The term *Create* refers to these additional settings in the text.

3.1 Configuration for Material Master Data

3.1.1 Add Material Type VERP

Use

Create standard material type VERP for packaging material.

Procedure

- Access the activity as follows:

IMG Menu	<i>Logistics - General</i> → <i>Material Master</i> → <i>Basic Settings</i> → <i>Material Types</i> → <i>Define Attributes of Material Types</i>
Transaction Code	SPRO

- On the *Change View "Material Type": Overview* screen, create the following entries by copying an existing material type:

Material Type	VERP
Description	Packaging
Field reference	VERP
SRef: material type	ROH
Item category group	VERP
<i>Internal/external purchase orders Section</i>	
Ext. Purchase Order	2
Int. Purchase Orders	1
<i>User Departments Section</i>	
Accounting	X
MRP	X
Purchasing	X
Basic data	X
Storage	X

Forecasting	X
Quality management	X
Warehouse management	X
Sales	X
Plant stocks	X
Storage location stocks	X
Valuation Section	
Price Control	V Moving average price/periodic unit price
Acct cat. reference	0004
Quantity/value updating Section	
Quantity updating By valuation area	X
Value updating By valuation area	X
Retail-specific fields Section	
Material Type ID	General material type
Display Material	
Print price	

3. Choose *Enter*. Confirm the message if there is any.
4. Choose  Save.

3.2 Settings for Packaging Materials

3.2.1 Define Handling Unit Type

Use

The Field field HUTyp is in the Material Master Record on the *WM Packaging* view.

Procedure

1. Access the activity as follows:

IMG Menu	<i>Integration with Other SAP Components → Extended Warehouse Management → Additional Material Attributes → Attribute Values for Additional Material Master Fields → Define Handling Unit Type</i>
Transaction Code	SPRO

1. On the *Change View "Handling Unit Types": Overview* screen, choose *New Entries*.
2. On the *New Entries: Details of Added Entries* screen, create the following entries:

HUTyp	Description
YN00	EWM Standard HU Type

YN01	EWM Pallet
YN02	EWM Carton/Box
YN03	EWM US Pallet

3. Choose  Save.

3.2.2 Define Packaging Material Types

Procedure

1. Access the activity as follows:

IMG Menu	<i>Logistics – General → Handling Unit Management → Basics → Define Packaging Material Types</i>
Transaction Code	VHAR

2. On the *Change View "Packaging Material Types": Overview* screen, choose *New Entries*.
 3. On the *New Entries: Details of Added Entries* screen, enter:

Packag.mat.type	YN01	SSCC Pallet
------------------------	-------------	--------------------

4. In the *Packaging Material Types* section, create the following entries:

Plant determin.	B Plant determined from the first item that was packed
Pack.matl cat.	C Packaging materials
GenerateDlvItms	
Number assgnmt	A SSCC18 already at creation of handling unit
HU type	1 Pallet
Int. interval	01
Ext. interval	02

5. Choose  *Next Entry*.
 6. On the *New Entries: Details of Added Entries* screen, create the following entries:

Packag.mat.type	YN02	SSCC Carton
------------------------	-------------	--------------------

7. In the *Packaging Material Types* section, enter:

Plant determin.	B Plant determined from the first item that was packed
Pack.matl cat.	C Packaging materials
GenerateDlvItms	
Number assgnmt	A SSCC18 already at creation of handling unit
HU type	0 Carton
Int. interval	01
Ext. interval	02

8. Choose  *Next Entry*.
 9. On the *New Entries: Details of Added Entries* screen, create the following entries:

Packag.mat.type	YN03	Internal Pack. Mat.
------------------------	-------------	----------------------------

10. In the *Packaging Material Types* section, create the following entries:

Plant determin.	B Plant determined from the first item that was packed
Pack.matl cat.	C Packaging materials
GenerateDlvItms	
Number assgnmt	B Number range interval 'HU_VEKP'
HU type	
Int. interval	01
Ext. interval	02

11. Choose  Next Entry.
12. If you receive message: *Identification from number range interval is only unique for each client*, choose  Enter.
13. Choose  Save.

3.2.3 Define Packaging Material Types on EWM Side Use

The following packaging material types need to be defined in the EWM customizing and they are used in conjunction with the ones in the SAP S/4HANA.

Procedure

1. Access the activity using the following navigation options:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Cross-Process Settings → Handling Units → Basics → Define Packaging Material Types
Transaction Code	SPRO

2. On the *Change View "Packaging Material Types in WM": Overview* screen, choose *New Entries*.
3. On the *New Entries: Details of Added Entries* screen, create the following entries:

Pack.Mat.Type	YN01
Description	SSCC Pallet
PM Category	C Packaging Materials
Closed	[]
Delete	[X]
No. Assignment	A SSCC
PrintDetermProc	0HUPR

4. Choose  Next Entry.

Pack.Mat.Type	YN02
Description	SSCC Carton
PM Category	C Packaging Materials
Closed	[X]
Delete	[X]
No. Assignment	A SSCC
PrintDetermProc	0HUPR

5. Choose  Next Entry.

Pack.Mat.Type	YN03
Description	Internal Pack. Mat.
PM Category	C Packaging Materials
Closed	[]
Delete	[X]
No. Assignment	B Number Range Interval
PrintDetermProc	0HUPR

6. Choose  Save.

7. Choose  Exit.

3.2.4 Assign Packaging Material Type to Level Element Type Use

The following packaging material types need to be assigned to element type PACK to avoid the potential error message when creating packaging specification.

Procedure

1. Access the activity using the following navigation options:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Packaging Specification → Maintain Structure of Packaging Specification → Assign Packaging Material Type to Element Type
Transaction Code	SPRO

2. On the Change View "Assigning Packaging Material Type to Level Element Type": Overview screen, choose New Entries.
 3. On the New Entries: Details of Added Entries screen, create the following entries:

ET	PkMtT
PACK	YN01
PACK	YN02
PACK	YN03

4. Choose  Save.

4 Manual Build Steps

Some settings cannot automatically be transported between systems or clients. In these cases, you either transport the settings manually, if possible, or make the settings in the target system or client.

For the configuration activities described in this document, no manual build steps are required.